RTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)			ATTORNEY'S DOCKET NUMBER 00952/0202318-US0			
			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)			
	NCERNING A SUBMISSI	10/520,688				
INTERN	ATIONAL APPLICATION NO. PCT/GB2003/002941	PRIORITY DATE CLAIMED 8 July 2002				
TITLE O	F INVENTION ROTARY SEA	8 July 2003 L	0 July 2002			
	APPLICANT(S) FOR DO/EO/US Alan Roddis					
Applican	7		S) the following items and other information:			
1.	This is a FIRST submission of ite	erns concerning a submission under 35	5 U.S.C. 371.			
2. x	This is a SECOND or SUBSEQ	JENT submission of items concerning	a submission under 35 U.S.C. 371.			
3.	This is an express request to be include items (5), (6), (9) and (2		35 U.S.C. 371 (f)). The submission must			
4.	The US has been elected (Article	e 31).				
5.	A copy of the International Applic	cation as filed (35 U.S.C. 371 (c)(2))				
a.	is attached hereto (required	only if not communicated by the Interna	ational Bureau).			
b.	has been communicated by	the International Bureau.				
C.	is not required, as the application	ation was filed in the United States Re	ceiving Office (RO/US).			
6.	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).					
a.	is attached hereto.					
b.	has been previously submitted under 35 U.S.C. 154(d)(4).					
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))					
a.	are attached hereto (required only if not communicated by the International Bureau).					
b.	have been communicated by the International Bureau.					
C.	have not been made; however, the time limit for making such amendments has NOT expired.					
d.	have not been made and will not be made.					
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).					
9. x	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).					
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).					
Items 11 to 20 below concern document(s) or information included:						
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. x	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. x	A preliminary amendment.					
14.	An Application Data Sheet under 37 CFR 1.76.					
15.	A substitute specification.					
16.	A power of attorney and/or change of address letter.					
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.					
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19.	A second copy of the English lar	iguage translation of the international a	application under 35 U.S.C. 154(d)(4).			
20. x	20. X Other items or information: Certificate of Express Mailing; Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (2pp)					

PTO-1390 (Rev. 02-2005)

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION I					ATTORNEY'S DOCKET NUMBER		
	10/520,688 PCT/GB2003/002941			2941	00952/02023	18-US0		
	The following fees have been submitted				CALCULATIONS	PTO USE ONLY		
	21. Basic national fee\$300			\$300	\$			
Ų.	22. x Examinati	ion fee						
14	If International prelim			ared by USPTO and				
	All other situations						s	
	23. x Search fe	е		 				
	Search fee (37 CFR	1.445(a)(2)) has	been paid on	the inter national app	olication to	the		
	USPTO as an	International Se	earching Author	ority		\$100		
	International Search I All other situations						s	
		TOTAL OF 21					\$	
	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is							
				or fraction thereof.	c meaium).	rne ree is		
	Total Sheets E	xtra sheets			ch additional 50 or fraction		1	
			thereof (ro	ound up to a whole r	number		-	
	- 100 = Surcharge of \$130.00	/50 =	the oath or d	eclaration later tha	n 30 mont	x \$250.00	<u> </u>	·
	from the earliest claim				11 30 1110/11		\$ 130.00	
	CLAIMS	NUMBER F	ILED NU	MBER EXTRA	R	ATE		
	Total claims	37 -	20 =	17	х	50.00	\$ 850.00	
	Independent claims		- 3 =		х		\$ 0.00	
•	MULTIPLE DEPENDI	ENT CLAIM(s)			+		\$	
				OTAL OF ABOVE			\$ 980.00	
	Applicant claims	small entity sta	tus. See 37 C	FR 1.27. Fees abo	ve are redu	ced by 1/2.	\$	
•					SUE	TOTAL =	\$ 980.00	
	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).					s +	\$	
		· ·	·	TOTAL	NATION	AL FEE =	\$ 980.00	
	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$ 40.00	
07/06/2005 MKAYPA	GH 00000131 10520	688		TOTAL F	EES ENC	LOSED =	\$ 1,020.00	
01 FC:1617		130.00 DP				Amount to be refunded:	\$	
02 FC:1615		850.00 DP					Amount to be charged:	\$
	a. X A check in	the amount of	· s	1,020.00	to cover th	e above fees		•
	. =		-	· · · · · · · · · · · · · · · · · · ·	10 00101 0	0 00000 1000	io cholocou.	
	b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
	c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100 A duplicate copy of this sheet is enclosed.							
						lit card		
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b))							
	must be filed and granted to restore the International Application to pending status.							
	SEND ALL CORRE	SPONDENCE	TO:				- (53.970)	
	Adda C. Gogoris				SIGN	ATURE:		
	DARBY & DARBY	Y P.C.					a C. Gogoris	
	P.O. Box 5257 New York, New Y	ork 10150-5	257		NAME			
	(212) 527-7727	OIN 10100*0					20.744	
	CUSTOMER NUI	MBER: 07278	3		REGI	STRATION N	29,714 UMBER	

Attorney Docket No.: 00952/0202318-US0

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill, No. in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

oń	June 27, 2005				
	Date				

Be	20/
D By	Ture Pol
Typed or printed name of p	erson signing Certificate
Registration Number, if applicable	Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Combined Declaration/Power of Attorney (4pp)

2nd Preliminary Amendment (8pp)

Assignment (2 pages) and Recordation Form (1pp)

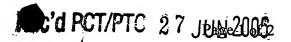
Transmittal Letter to the United States Designated-Elected Office -

Second Submission (2pp)

Copy of Notification of Missing Requirements (2pp)

Check in the amount of \$1,020.00

Return receipt postcard





United States Patent and Trademark Office

States Patent and Trademark COMMISSIONER FOR PATENTS PO. Box 1450

Alexandria, Vinginia 22313-1450

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U.S. APPLICATION NUMBER NO.		FIRST NAMED APPLICANT	ATTY, DOCKET NO.			
10/520,688		Alan Roddis	00952	00952/0202318-US0		
		[INTERNATIONAL APPLICATION NO.		
	611		PCT/GB03/02941			
7278	DUE/44	6, 2005	I.A. FILING DATE	PRIORITY DATE		
DARBY & DARBY P.C. P. O. BOX 5257	Docketed on 5//	2 by Officer	07/08/2003	07/08/2002		
NEW YORK, NY 10150-5	²⁵ Docketed without	Ne □	CONFIRM	IATION NO. 9784		
	Attorney	3	371 FORMALITIES LETTER *OC00000015956335*			

Date Mailed: 05/06/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/05/2005
- Copy of the International Search Report filed on 01/05/2005
- Copy of IPE Report filed on 01/05/2005
- Preliminary Amendments filed on 01/05/2005
- Information Disclosure Statements filed on 01/05/2005
- Copy of references cited in ISR filed on 01/05/2005
- U.S. Basic National Fees filed on 01/05/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$1310 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$1440 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$ 1310
 - **\$950** for **19** total claims over 20.
 - \$360 for multiple dependent claim surchare.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.	
10/520,688	PCT/GB03/02941	00952/0202318-US0	

FORM PCT/DO/EO/905 (371 Formalities Notice)